

Title (en)  
APPARATUS, SYSTEMS AND METHODS FOR A FLOW CONTROL DEVICE

Title (de)  
VORRICHTUNG SYSTEME UND VERFAHREN FÜR EINEN DURCHFLUSSREGLER

Title (fr)  
APPAREIL, SYSTÈMES ET PROCÉDÉS DESTINÉS À UN DISPOSITIF DE CONTRÔLE D'ÉCOULEMENT

Publication  
**EP 2839110 A4 20161207 (EN)**

Application  
**EP 12874661 A 20120418**

Priority  
US 2012034013 W 20120418

Abstract (en)  
[origin: WO2013158086A1] A flow control device for control of fluid flow through a tubular member comprises a control chamber having a piston disposed therein, where the piston is moveable from an open piston position to a closed piston position by the application of a first fluid pressure, and a valve chamber having a valve therein, where the valve is moveable from a closed valve position to an open valve position by the application of a second fluid pressure. A seal preventing fluid flow through the control chamber into the tubular member is formed in the closed piston position, and a flow path through the valve chamber and into the tubular member is formed in the open valve position.

IPC 8 full level  
**E21B 23/00** (2006.01); **E21B 34/12** (2006.01); **E21B 34/14** (2006.01); **E21B 43/12** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
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• [X] US 2009065199 A1 20090312 - PATEL DINESH R [US], et al  
• [A] US 2011253391 A1 20111020 - VEIT JAN [US], et al  
• [A] US 2012048561 A1 20120301 - HOLDERMAN LUKE W [US]  
• See references of WO 2013158086A1

Designated contracting state (EPC)  
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**WO 2013158086 A1 20131024**; AU 2012377411 A1 20141023; AU 2012377411 B2 20160630; AU 2012377411 B8 20160707; BR 112014025850 A2 20170620; BR 112014025850 A8 20170725; CA 2869672 A1 20131024; CN 104246118 A 20141224; EP 2839110 A1 20150225; EP 2839110 A4 20161207; IN 7750DEN2014 A 20150515; SG 11201405776U A 20150629; US 2013276901 A1 20131024; US 9206669 B2 20151208

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